

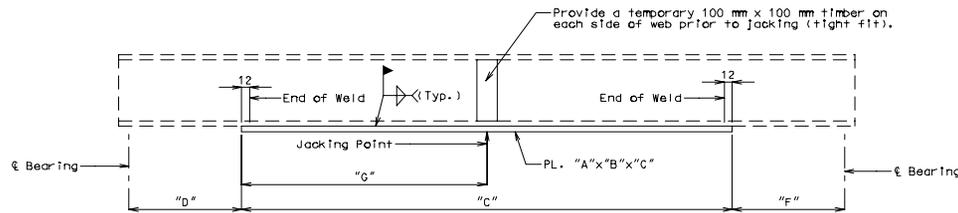
MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

State	Proj. No.	Sheet No.
MO		
Sec./Sur.	Twp.	Rge.

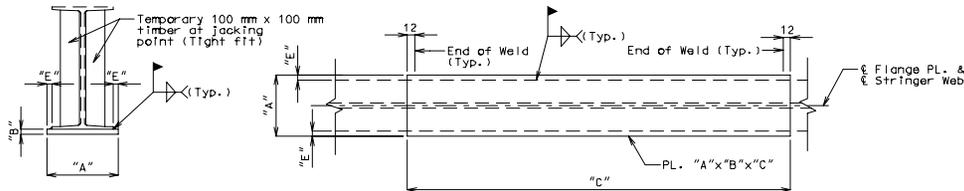
General Notes:

- Design Specifications:
 AASHTO - 1996 and Interim 1997
- Design Loading:
 1993 Missouri Posting Loads (M18)
 No Future Wearing Surface
- Design Unit Stresses:
 Structural Carbon Steel Fy= 250 MPa (New Steel)
 Exist. Steel Fy= MPa
 Working Stress Design = 68% of Fy (Existing)
- Paint:
 Calcium Sulfonate (2 coats) (see Special Provisions)
- Old and New Work:
 Outline of old work is indicated by light dashed lines.
 Heavy lines indicate new work.
- Dimensions:
 Longitudinal dimensions are based on the original design plans.
 All dimensions are in millimeters (mm) unless otherwise noted.
 Drawing is not to scale. Follow dimensions.
- Traffic:
 Maintain one lane of traffic during construction (see Roadway Traffic Control Plans).
- Stringer Support:
 All existing stringers in the span being strengthened shall be raised simultaneously *mm at jacking point and supported during welding of new steel plates.
 The temporary supports must be capable of safely supporting a service load of approximately **kN per stringer (factor of safety not included) (see Special Provisions).

ESTIMATED QUANTITIES		
ITEM	Lump Sum	TOTAL
Strengthening Existing Stringers		



TYPICAL ELEVATION OF STRINGER
 Span () & ()



SECTION THRU STRINGER

DETAIL OF FLANGE PLATE

STRINGER LOCATION	TABLE OF DIMENSIONS									
	"A"	"B"	"C"	"D"	"E"	"F"	"G"	*	**	

CREATED IN MICROSTATION

REPAIRS TO BRIDGE OVER

STATE ROAD FROM
 ABOUT
 PROJECT NO. STA.
 JOB. NO. RTE.

Designed
 Detailed
 Checked

Sheet No. of

COUNTY
 Date: / /

WID 5M